

Avon Lake Board of Municipal Utilities

**AGENDA**

For

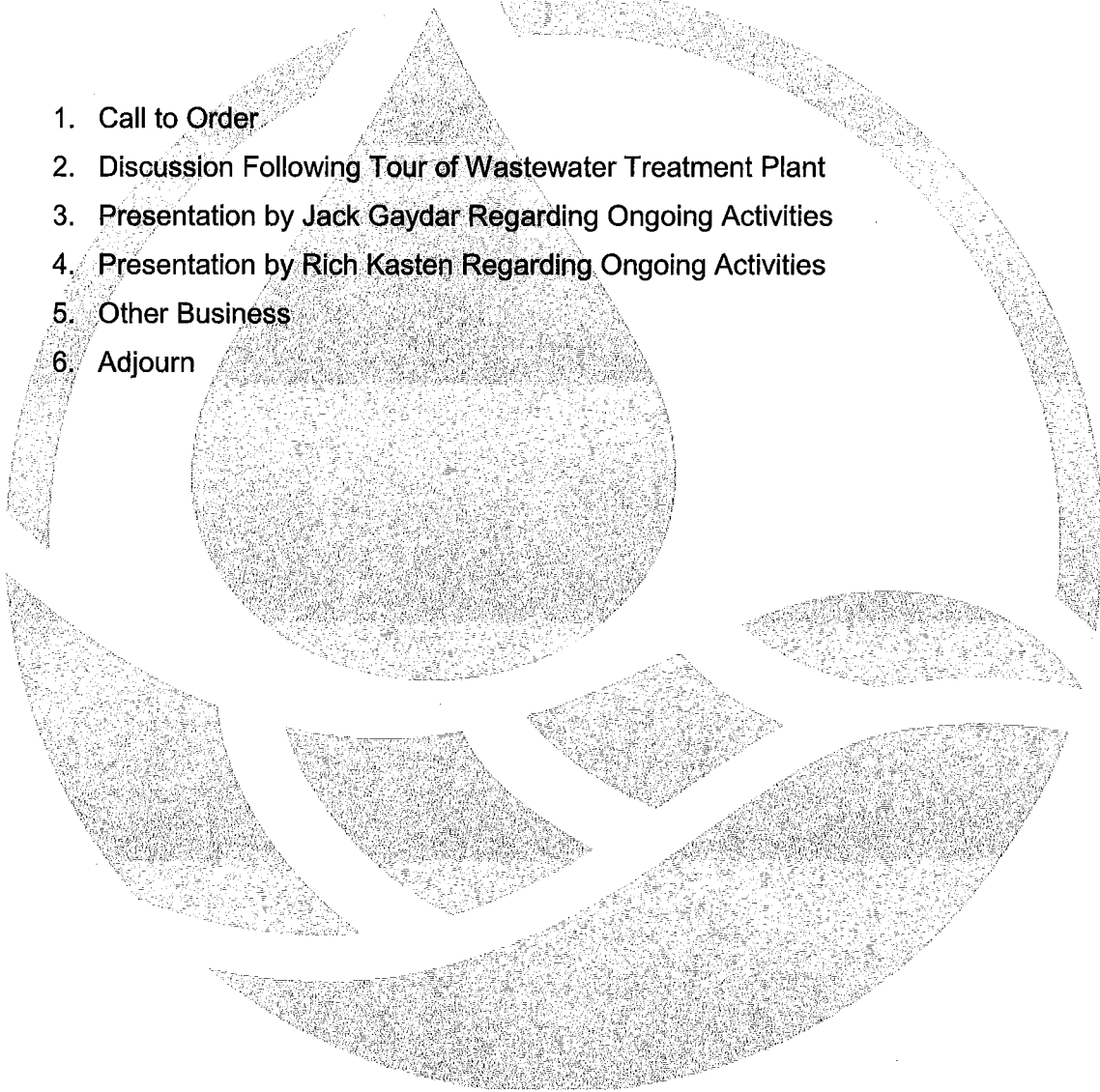
**WORK SESSION**

**Tuesday**

**March 21, 2017**

**6:00 PM**

1. Call to Order
2. Discussion Following Tour of Wastewater Treatment Plant
3. Presentation by Jack Gaydar Regarding Ongoing Activities
4. Presentation by Rich Kasten Regarding Ongoing Activities
5. Other Business
6. Adjourn



Avon Lake Board of Municipal Utilities

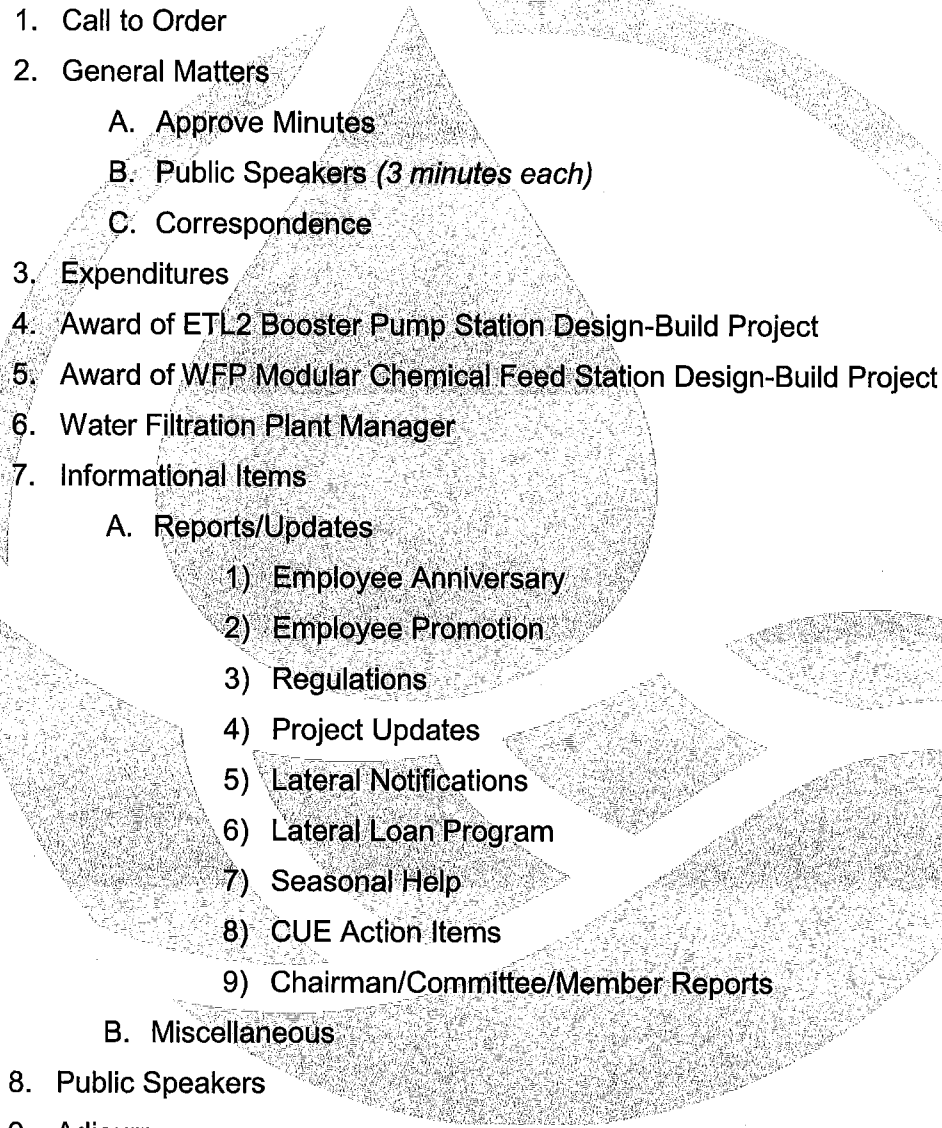
**AGENDA**

For

**Tuesday**

**March 21, 2017**

**Immediately Following Work Session**

- 
1. Call to Order
  2. General Matters
    - A. Approve Minutes
    - B. Public Speakers (*3 minutes each*)
    - C. Correspondence
  3. Expenditures
  4. Award of ETL2 Booster Pump Station Design-Build Project
  5. Award of WFP Modular Chemical Feed Station Design-Build Project
  6. Water Filtration Plant Manager
  7. Informational Items
    - A. Reports/Updates
      - 1) Employee Anniversary
      - 2) Employee Promotion
      - 3) Regulations
      - 4) Project Updates
      - 5) Lateral Notifications
      - 6) Lateral Loan Program
      - 7) Seasonal Help
      - 8) CUE Action Items
      - 9) Chairman/Committee/Member Reports
    - B. Miscellaneous
  8. Public Speakers
  9. Adjourn

Board of Municipal Utilities  
**Work Session Minutes**  
**March 7, 2017**  
201 Miller Road  
Avon Lake, Ohio

The work session was called to order at 6:01 PM.

Present: Mr. Dzwonczyk, Mr. Phillips, Mr. Rickey, and Mrs. Schnabel.

Also present: CUE Danielson, WPCC Manager Baytos, CUO Eberle, Mayor Zilka (arrived 6:20 PM), Councilmember Fenderbosch (arrived 6:27 PM), Jon Wysochanski, Jim Salerno, and Kurt Koepf.

***Post Construction Evaluation of CMAR***

With the support of Jim Salerno and Kurt Koepf (both of MWH Constructors), Rick Eberle presented an overview of the use of the alternate project delivery approach known as Construction Manager At Risk (CMAR) for the Water Filtration Plant's Storage Improvements Project (SIP). Mr. Eberle stated that CMAR has been a big success, partly because all parties were fully vested in assuring it. The contract Avon Lake Regional Water structured with the CMAR provided incentive to help keep total owner costs down. The CMAR was brought on at the 30%-design level and provided input regarding ways to potentially get more value out of the construction. Much of this was incorporated into the design; and a guaranteed maximum price was established at the 60%-design level, which included a 5% contingency. At the end of the project, the owner and the CMAR will equally split the first 1% of contingency, the next 1% goes 25% to the CMAR, and the remaining contingency goes 10% to the CMAR. Therefore, the CMAR has a stake in the game to save the owner money. Throughout the project, the CMAR was able to leverage subcontractors to provide the best prices and maintain or accelerate schedule. As a result, the project is expected to be completed within time and budget constraints. Through Board questioning and discussion, it was stated that an appropriate time to bring the CMAR on is at the 30%-design level because it provides a good balance of the plans being formed enough so that there is an idea of what is intended to be constructed; but the plans would not require too much redesign if changes are considered. This is the main reason why the wastewater plant rehabilitation was not considered for CMAR. It was already at the 90%-design level.

The work session adjourned at 6:32 PM.

Approved March 21, 2017

John G. Dzwonczyk, Chairman

Todd A. Danielson, Clerk

Board of Municipal Utilities  
**Regular Meeting Minutes**  
March 7, 2017  
201 Miller Road  
Avon Lake, Ohio

**Call to Order – Roll Call**

The meeting was called to order at 6:38 PM.

Present: Mr. Dzwonczyk, Mr. Phillips, Mr. Rickey, and Mrs. Schnabel.

Also present: Chief Utilities Executive Danielson, WPCC Manager Baytos, Mayor Zilka (left at 7:09 PM), Councilmember Fenderbosch (left at 7:09 PM), and Jon Wysochanski (left at 7:09 PM).

Chairman Dzwonczyk reported the Board had received some complaints during the week regarding a letter that went out to several residents in the community telling them that they had a water bill that was unpaid. The billing error was on the utility's part, and the tone of the letter was inappropriate. The chairman apologized on behalf of the Board for any offense that was taken and any inconvenience that was caused. Personnel action has taken place as a result of the content of the letter.

**Approve Minutes**

Chairman Dzwonczyk presented the minutes of the February 21, 2017, Work Session and the February 21, 2017 Regular Meeting and with no changes, additions or corrections noted, ordered the minutes to stand and be distributed as presented.

**Public Speakers** – Jennifer Fenderbosch informed the Board she received the letter about the deduct meter on her account and was offended. She wanted to inform the Board City Hall also received numerous calls in reference to the letter.

**Correspondence** – CUE Danielson reported Avon Lake Regional Water received numerous correspondence about the deduct meter letter. Chairman Dzwonczyk also reported the Board received a letter from Ms. Ester about her sewer separation requirements.

**Expenditures**

Following review of expenses dated March 7, 2017, for funds and amounts as follows, Mr. Rickey moved, Mr. Phillips seconded, that all be approved and paid per budget:

Water Fund 701	\$	205,649.25
Wastewater Fund 721	\$	297,285.89
MOR Fund 703 ETL1	\$	18,745.66
MOR Fund 762 ETL2	\$	15,818.43
LORCO Fund 749	\$	1,634.80
Sewer Constr 724	\$	95,281.05
Lateral Loan 765	\$	8,900.00

Ayes: Dzwonczyk, Phillips, Rickey, Schnabel  
Nays: None  
Motion carried.

### ***Analyst/Assistant***

CUE Danielson presented the objectives the Board requested for the Analyst/Assistant position. Mr. Dzwonczyk moved and Mrs. Schnabel seconded to approve the Analyst/Assistant job description and establish the initial salary range as \$40,000 per year to \$60,000 per year.

Ayes: Dzwonczyk, Phillips, Rickey, Schnabel  
Nays: None  
Motion carried.

### ***Acting Clerk***

Mrs. Schnabel moved and Mr. Rickey seconded that in the event of the CUE's and CUO's absence, the WPCC Manager be appointed Acting Clerk of the Board during 2017 without compensation.

Ayes: Dzwonczyk, Phillips, Rickey, Schnabel  
Nays: None  
Motion carried.

### ***Reports/Updates***

Security Audit: Avon Lake Regional Water continues to move forward with having the Department of Homeland Security conduct a security audit. A tentative audit date is set for March 13, 2017.

45s Area Combined Sewer Separation: Following Brown and Caldwell's presentation to the Board regarding the wet weather study and the potential for storage to reduce future sanitary sewer overflows, staff convened a meeting between Brown and Caldwell and the engineer (HDR) designing the 45s area combined sewer separation. The scope for the 45s area separation includes upsizing a portion of the Lake Road interceptor, along with construction of a storm sewer on Lake Road. The opportunity to add the eastern-most parallel storage structure into the design scope for HDR project was discussed as an option to reduce the overall design and construction cost for the storage, as well as to reduce the number of times we impact drivers on Lake Road. We are investigating the option further and may soon request an amendment to the HDR agreement to include these design services.

#### **Project Updates:**

*Water Tower:* Tank bowl welding has moved on to the vertical walls.

*Water Plant:* Work continues to convert the old clearwells to backwash attenuation basins. In December, the SCADA system crashed, and it was determined that the backup system in place was insufficient. Though not part of the SIP, major work is going on at the water plant to upgrade the SCADA system.

*Wastewater Plant:* With the help of staff, construction crews have taken one of two aeration tanks out of service to replace piping and equipment. Each tank will be out of

service for two to three months. Progress on the preliminary treatment area is progressing. The brick work for the grit building is almost complete and demolition of the tank that is being removed from service is also nearly complete. The new lab will be turned over to us next week. Rebar is in place for the roof of the headworks building and the UV walls.

**Lateral Loan Program:** Since the last Board meeting, six additional agreements for the Lateral Loan Program have been executed, bringing the total to 45 properties, with \$168,100 (total) committed and \$47,950 paid so far. The average loan request is for approximately \$3,750.

**CUE Action Items:**

Below are responses to questions asked by the Board:

**WERF Presentation:** CUE Danielson reported he will make a presentation about the Water Environment and Reuse Foundation (WE+RF) project that is attempting to benchmark business processes in the utility sector during the work session, either April 4, 2017, or May 2, 2017.

**Analyst Objectives:** Board members asked to better understand what the CUE sees as initial objectives for the Analyst/Assistant. The CUE envisions initial responsibilities for the Analyst/Assistant to be:

- (1) Establish an audit-defendable accounting system for LORCO revenues and expenses in order to assure that all money loaned to LORCO is repaid and there is less liability on Avon Lake Regional Water's wastewater funds.
- (2) Establish a tracking system for the flow of money from notes, bonds, and loans to assure that money is allocated to appropriate expenditures.
- (3) Create and maintain a dashboard that tracks revenues and expenses to help leadership manage cash flow.
- (4) Investigate and recommend expenditure-saving options regarding the way Avon Lake Regional Water conducts business.
- (5) Identify and secure the most appropriate sources of funding (including grant funding) for upcoming projects.
- (6) Create and maintain financial models to help determine appropriate timing of capital expenditures and rate changes.

**Engineer Description:** The CUE is working with staff to revise the draft Engineer job description to include key functions/needs.

**WPCC Film:** The CUE has requested the WPCC Manager to develop a list of milestones that should be documented for the video.

**WFP Manager:** The CUE is investigating the concept of an employment agreement for the next appointment to this position.

**CUO:** Per the request of the Board, the CUE will begin preparing for the search process to identify the next CUO.

**Buy American:** The CUE has asked Ohio EPA to provide comment whether there may be problems working with engineering firms headquartered in foreign countries and

complying with any Buy American requirements for federally-backed loans. So far, there has been no information forthcoming, so the matter remains unresolved.

*Proceeding with ISO9000:* Staff has reached out to consultants regarding quality management programs.

***Chairman/Committee/Members Reports***

Chairman Dzwonczyk reported Ms. Schnabel will be the Board appointee for the ISO 9000 program.

Chairman Dzwonczyk reported Mr. Rush will be the Board appointee for the CUO job search.

Chairman Dzwonczyk reported the Analyst/Assistant position was approved by the HR Committee.

Chairman Dzwonczyk reported he will attend the Sewer Committee meeting.

Mr. Rush will attend the Civil Service Committee meeting.

Mr. Rickey attended the Ward 3 & 4 meeting at Troy last week.

Mr. Rickey will attend the LORCO Board meeting Thursday March 9, 2017.

Mr. Rickey will tour the WFP this Friday with Mr. Heimlich.

***CUE Report***

CUE Danielson reported the lead map, prepared by OTCO, was completed and returned before the deadline.

CUE Danielson will not be able to attend the March 21, 2017, meeting.

CUE Danielson reported our trademark was finally received.

***Miscellaneous***

None.

***Executive Session***

Mr. Dzwonczyk moved, Mr. Rickey seconded, to meet in Executive Session as allowed by ORC 121.22 (G) (1) to discuss employee matters and to include the Chief Utilities Executive in the discussion.

Ayes (per rollcall vote): Dzwonczyk, Phillips, Rickey, Schnabel

Nays: None

Motion carried.

The Board reconvened at 9:04 PM

**Adjourn**

As there was no further business, Mrs. Schnabel moved, Mr. Rickey seconded, that the meeting adjourn at 9:04 PM.

Ayes: Dzwonczyk, Phillips, Rickey, Schnabel

Nays: None

Motion carried.

Approved March 21, 2017

John G. Dzwonczyk, Chairman

Todd A. Danielson, Clerk



Avon Lake Regional Water  
**MEMORANDUM**

To: **Board of Municipal Utilities**

From: **Todd Danielson & Steve Baytos**

Subject: **Agenda Items – March 21, 2017**

Date: **March 17, 2017**

---

As a reminder, the CUE will not be present at the March 21, 2017, Board meeting because he was asked to serve as part of the delegation from the Ohio Section of the AWWA to meet with Congressional representatives in Washington, DC to discuss water issues.

**Item 4: Award of ETL2 Booster Pump Station Design-Build Project – SCB/TAD**

As presented at the January 17, 2017, meeting, the ETL2 booster pump station is reaching capacity with the three existing pumps, and a design-build project was advertised to add additional pumps within the facility. The project was advertised for three consecutive weeks in the *Chronicle Telegram* and with the various bid houses. Proposals were due at noon on Monday, March 13, 2017. One firm proposed: Engineering Fluid, Inc. (EFI) of Centralia, Illinois. EFI is the company that originally built the ETL2 station, along with several other stations for the ETLs. The project will include design and construction to install two Peerless pumps that are skid mounted. This project contains all necessary equipment to connect and run these new pumps in our existing system. The pumps will be monitored and controlled through our SCADA, which will require additional programming. The proposed firm price is \$489,668.00 and will be paid through ETL2 funds. The price exceeds the originally budgeted \$375,000 because the original concept was to only add one pump. However, the incremental cost of adding two pumps, instead of one, is supported by Consortium members in order to provide additional flexibility and save long-term costs. The design will be self-certified by our Engineering Service Manager.

The Principles that would help guide the Board are:

- ◆ Provide quality, affordable water services.
- ◆ Maintain existing assets, while investing in infrastructure that will take us into the future.
- ◆ Exercise fiduciary responsibility.

*Recommended motion:*

*I move to authorize the CUE to execute a design-build agreement with Engineering Fluid, Inc. for the ETL2 booster pump station for a price of \$489,668.00, along with approximately 5% additional for out-of-scope items such as SCADA integration to be paid to EFI or other vendors, for a total project cost not to exceed \$514,000.00.*

**Item 5: Award of WFP Modular Chemical Feed Station Design-Build Project – SCB/TAD**

As presented at the January 17, 2017, meeting, even though Avon Lake Regional Water is currently meeting all lead and copper requirements, the draft corrosion control study recommends changes to the chemicals we add to the water in order to best minimize chances for corrosion. A design-build project was advertised to install a modular chemical feed station at

the water filtration plant. The project was advertised for three consecutive weeks in the *Chronicle Telegram* and with the various bid houses. Proposals were due at noon on Monday, March 13, 2017. One firm proposed: Engineering Fluid, Inc. (EFI) of Centralia, Illinois. The project includes design and construction of the building, chemical feed system, connection to existing system, and all equipment necessary for its continued operation. The firm price for the project is \$474,509.00, which is below the budgeted amount of \$500,000. The project will be submitted to Ohio EPA, along with the draft corrosion control study for approval.

The Principles that would help guide the Board are:

- ◆ Provide quality, affordable water services.
- ◆ Maintain existing assets, while investing in infrastructure that will take us into the future.
- ◆ Exercise fiduciary responsibility.

*Recommended motion:*

*I move to authorize the CUE to execute a design-build agreement with Engineering Fluid, Inc. for the modular chemical feed station for a price of \$474,509.00, along with approximately 5% or out-of-scope items such as SCADA integration to be paid to EFI or other vendors, for a total project cost not to exceed \$500,000.00.*

**Item 6: Water Filtration Plant Manager – SCB/TAD**

As discussed previously, WFP Manager, Steve Heimlich, has been working with and mentoring WFP Operator, Greg Yuronich, for more than a year in order to help assure the transition will be as smooth as possible. With Mr. Heimlich's last day in the office scheduled for April 28, 2017, the CUE requests the Board appoint Greg Yuronich as WFP Manager, effective April 3, 2017, in order to provide four weeks of official overlap for Greg to take over responsibilities such as submitting Monthly Operating Reports to Ohio EPA and other aspects requiring official notification that Greg will now be the responsible individual, instead of Steve.

The Principles that would help guide the Board are:

- ◆ Sustain an empowered, skilled, quality workforce with a commitment to innovation.

*Recommended motion:*

*I move to appoint Greg Yuronich as WFP Manager, effective April 3, 2017, with an hourly wage rate of \$40.87/hr.*

**Item 7A1: Employee Anniversary – SCB/TAD**

Dennis Knick completes his one-year probationary period as a Line Maintenance Man April 18, 2017. Per the recommendation of his supervisor and concurrence of management, his promotion will become permanent, and he will receive the requisite step increase.

**Item 7A2: Employee Promotion – SCB/TAD**

At the February 21, 2017, meeting, the CUE informed the Board that Tim Roten, WFP Janitor would be promoted to the Laborer position effective March 13, 2017. The transfer has been delayed and will now take effect April 10, 2017.

**Item 7A3: Regulations – SCB/TAD**

This week, the CUE submitted comments to the USEPA regarding proposed public notice regulations for combined sewer overflows and comments to Ohio EPA regarding the draft revised lead and copper regulations.

**Item 7A4: Project Updates – SCB**

*Water Tower:* Tank bowl welding continues and is on schedule for ground completion in late April.

*Water Plant:* The work on backwash attenuation is almost complete and backwash will be diverted to the converted clearwells next week. Staff is currently in negotiations with lawn irrigation contractors and landscapers for completion of the south site and restoration of the north site.

*Wastewater Plant:* The lab is being completed and staff is working out of it this week. The UV system is moving along for the April 10<sup>th</sup> start up and training. Maintenance and storage areas are being finalized.

**Item 7A5: Lateral Notifications – SCB/TAD**

Following the Council's passage of the Resolution of Necessity, requiring property owners in Avon Lake to separate their laterals by February 1, 2018; February 1, 2019; or June 30, 2019; depending upon where they live in the City, staff has sent out 366 of the approximately 1,269 letters that will be sent both to owners who either haven't had their laterals inspected or owners who have had their laterals inspected and still have work to do. The letters are not driving the phone calls we had originally anticipated. Only about 18 inspections (5% response) can be attributed to the letters. Response increases when the yard signs are placed in conjunction with the letters and the plan for placement of these signs is being re-thought in order to improve response.

This is part of the larger lateral separation program, which is still progressing well. As of March 8, 2017, letters had been sent to 2,925 residents indicating that they may have clean water entering their sanitary lateral and requesting Avon Lake Regional Water be contacted to determine whether this may be the case. As of that date, 1,979 (68%) had responded (up 83 last month). Of the 1,979, 1,358 had either separated laterals or already had separated laterals and 621 either had problems or are believed to have problems. By extrapolation, approximately 1,200 (621 + ~60% of homes not inspected) may need to separate laterals.

**Item 7A6: Lateral Loan Program – SCB/TAD**

Since the last Board meeting, ten additional agreements for the Lateral Loan Program have been executed, bringing the total to 55 properties, with \$190,600 (total) committed and \$65,900 paid so far. The average loan request is for approximately \$3,500. On Tuesday, March 7, 2017, the loan application to Ohio EPA was submitted. Award is anticipated April 27, 2017.

**Item 7A7: Seasonal Help**

Per budget, up to twelve employees will be hired to assist with seasonal maintenance at the Avon Lake Regional Water facilities and/or engineering/construction projects.

**Item 7A8: CUE Action Items – SCB/TAD**

Below are responses to questions asked by the Board:

*Database on Sewer Separation:* Prior to the last meeting, a customer emailed the Board indicating that she was told several years ago that she was in compliance, but we are still asking for an inspection. Prior to 2013, many letters were sent stating they were in compliance. That compliance was for the regulations in place at the time (i.e., splashed downspouts and closed-off yard and driveway drains if the foundation drain was connected to the sanitary lateral). This was the case with that customer. Our historical records are not perfect (either because they were not perfectly compiled originally, or because owners have made changes without our knowledge). That is part of the reason why we are requesting inspections. This inspection process helps to provide better understanding regarding the connections of each of our customers.

*Security for SCADA System:* The risk for our SCADA system is relatively low because it is not directly connected to the internet. We have a secure tunnel through dynamic IP and firewall for nightly backup to the cloud. The same tunnel provides information to our Data Command system which keeps us remotely updated of system status. Information from and control to our remote stations is through radio frequency, which is very difficult to manipulate by hackers. At the plant, there is a switch that provides “air gap separation” between the administration network and the control network. Also, the in-plant system has two virtual machine servers and a historian. The virtual machines continually backup the system and monitor security. Our IT provider (TMS) receives alerts if there are any issues. All equipment runs on UPS, which reduces impacts due to power loss or surges.

*DHS Procedures:* A member of the DHS met with a team of Avon Lake Regional Water employees, the police and fire chiefs, and a member of the Lorain emergency planning committee on Monday, March 13, 2017, to discuss security and resiliency of the Water Filtration Plant. It was exclusively a question-and-answer assessment. In three-to-five weeks, we will receive a report that compares our level of security and resiliency to others and provides options for us to consider in order to become more secure/resilient. We will also have interactive online dashboards that will allow us to change responses and see how that impacts our level of protection. In the future, we can undertake similar audits for the wastewater plant and other facilities.

*Elyria Interconnection:* The Assistant Law Director has drafted an amended easement and is working with First Energy to receive their review and approval.

*Buy American:* The CUE followed up with Ohio EPA regarding Buy American requirements. Currently, only iron and steel are required to be from America. Consultants' corporate headquarters can be abroad.

*CUO:* The CUE has reached out to progressive utilities to get job descriptions of positions that may have some similar duties to those that will be assigned to our next CUO. Over the next few weeks, the CUE will begin drafting a new job description and will work with Member Rush to get initial concurrence on the draft.

*Phone Answering System:* Last week, it was identified that our nighttime greeting had an incorrect prompt that misdirected people calling about lateral inspections to Jack Gaydar's voice mail. The nighttime greeting has been re-recorded in order to direct people to our lateral inspection mailbox.

*Lateral Separation Coordination with City Hall:* Attached is a message we prepared for people at City Hall to provide to residents who mistakenly call the City, rather than us, inquiring about the lateral letter that was sent to them. Also included on the same sheet are bullet points for staff members' reference to provide a more complete understanding for what is going on. Also attached is the text of the letters that are currently being sent as a result of the Resolution of Necessity.

*Personnel Development and Quality Management:* On March 15, Member Schnabel and the CUE met with representatives from Corporate College, a division of Cuyahoga Community College, regarding potential assistance for employee development (e.g., leadership, management, change management...) and to help us determine the most appropriate quality management approach (e.g., ISO 9000, lean, six sigma...) for our organization. We will receive further information from them in the upcoming weeks in order to determine if they are the most appropriate partner and, potentially, structure the best program for our organization.

03/17/17

## Avon Lake Regional Water WATER FUND 701 EXPENSES

March 21, 2017

Name	Amount	Memo	Account
<b>Mar 21, 17</b>			
1. Water Employees	51,645.11	Salaries P/R #6 022017-030517	701.180.000-51102-...
2. Water Employees	3,417.60	PartTime P/R #6 022017-030517	701.180.000-51105-...
3. Water Employees	258.00	OT Constr P/R #6 022017-030517	701.180.000-51106....
4. Water Employees	2,238.51	OT Plant P/R#6 022017-030517	701.180.000-51106....
5. Water Employees	1,134.80	OT Distribution P/R #6 022017-030517	701.180.000-51106....
6. Water Employees	1,345.12	OT Admin P/R #6 022017-030517	701.180.000-51106....
7. Bureau of Worker...	2,588.80	Workers Compensation	701.180.000-52201...
8. Medical Mutual	877.45	Medical Mutual Payment 030717	701.180.000-52203-...
9. Medical Mutual	414.92	Medical Mutual Payment 031417	701.180.000-52203-...
10. Medical Mutual	-1,534.53	Med Mutual Emp. Contrib P/R #5	701.180.000-52203-...
11. Medical Mutual	-42.84	Medical Mutual Deduction 3/2/17 - Knick	701.180.000-52203-...
12. Medical Mutual	-42.84	Medical Mutual Deduction 3/1617-Knick	701.180.000-52203-...
13. Medical Mutual	-1,534.53	Med Mutual Emp Contrib P/R #6	701.180.000-52203-...
14. Medicare	724.28	Medicare P/R #5 2/19/17	701.180.000-52212-...
15. Medicare	759.97	Medicare P/R #6 3/5/17	701.180.000-52212-...
16. Cintas Corporation	372.11	Employee Uniform Rental-Feb.2017-RK	701.180.000-52226-...
17. Brass, Mike	20.00	2 Employee Meal Allowances-LS	701.180.000-52227-...
18. Gomez, Kristin	10.00	1 Employee Meal Allowance-LS	701.180.000-52227-...
19. Mercy Occupation...	204.00	DOT Testing/Immunizations-TAD	701.180.000-53206-...
20. Sandstone EHS S...	170.00	2017 Annual Safety Review Classes-SH	701.180.000-53500-...
21. Avon Lake Printing	439.00	Bus.Cards, Letterhead, Envelopes-SH	701.180.000-53602-...
22. FedEx	46.02	Shipping Charges-LS	701.180.000-53602-...
23. FriendsOffice	395.57	Office Supplies-KK/LS	701.180.000-53602-...
24. Link Computer Co...	1,991.25	MuniLink Billing-March 2017-TAD	701.180.000-53602-...
25. Staples Advantage	32.66	Office Supplies-LS	701.180.000-53602-...
26. Fuelman	701.09	1/2-Gas for Vehicles 022717-031217-LS	701.180.000-53604-...
27. Huntington Nation...	26.93	Fuel for Vehicle-RRE	701.180.000-53604-...
28. ABC Equipment	27.07	Equipment Maintenance-SH	701.180.000-53607-...
29. APO Pumps and ...	1,288.75	Raw Water Bldg. Compressor Maint-SH	701.180.000-53607-...
30. Galco	66.92	Welder Repair-SH	701.180.000-53607-...
31. McMaster-Carr Su...	60.59	Parts for OZone Trial-SH	701.180.000-53607-...
32. Applied Specialtie...	3,827.20	Polymer for Water Plant-SH	701.180.000-53611-...
33. Bonded Chemical...	19,051.20	5953.5 lbs. Potassium Permanganate-SH	701.180.000-53611-...
34. JCI, Jones Chemi...	1,425.00	3 Tons Chlorine for Water Plant-SH	701.180.000-53611-...
35. Mississippi Lime C...	3,103.18	21.02 Tons Lime for Wa Plant-SH	701.180.000-53611-...
36. USALCO	9,528.01	74.39 Tons Alum for WA Plant-SH	701.180.000-53611-...
37. ABC Equipment	171.57	1/2-Maintenance Supplies-RK	701.180.000-53612-...
38. Bain Enterprises	1,332.50	1/2-Stainless Steel Nuts-RK	701.180.000-53612-...
39. Chemsearch	187.87	Maintenance Supplies-SH	701.180.000-53612-...
40. Discount Drug Mart	23.26	Maintenance Supplies-LS	701.180.000-53612-...
41. E&H Hardware Gr...	208.66	1/2-Maintenance Supplies-TAD	701.180.000-53612-...
42. Grainger	19.78	Maintenance Supplies-SH	701.180.000-53612-...
43. Kinzua Environme...	185.18	Maintenance Supplies-SH	701.180.000-53612-...
44. Lowe's	438.75	Maintenance Supplies-TAD	701.180.000-53612-...
45. Roberts Surveying...	905.75	1/2-Maintenance Supplies-JRG	701.180.000-53612-...
46. Alloway	110.00	Monthly Testing-SH	701.180.000-53613-...
47. Idexx Laboratories	4,215.16	Lab Supplies - SH	701.180.000-53613-...
48. Area Temps	742.17	Temporary Office Help-Week Ending 030517-...	701.180.000-53701....
49. The Chronicle	1,830.70	Ad for Bids-Chemical Feed Station Pjt-TAD	701.180.000-53701....
50. Lescher Tree Care...	1,100.00	Remove Damaged Trees@112 Westwinds-JRG	701.180.000-53701....
51. Municipal H2O	4,200.00	Annual EPA RMP Compliance Svc Fee-SH	701.180.000-53701....
52. Technology Mana...	837.69	1/2-Computer Support-Feb. 2017-TAD	701.180.000-53701....
53. Technology Mana...	900.00	1/2-Offsite Backup-March 2017-TAD	701.180.000-53701....
54. Treasurer, State of...	1,550.00	Laboratory Certification-SH	701.180.000-53701....

03/17/17

**Avon Lake Regional Water  
WATER FUND 701 EXPENSES  
March 21, 2017**

Name	Amount	Memo	Account
55. Water Environmen...	2,645.25	2017 WERF Subscription Dues-TAD	701.180.000-53701....
56. Huntington Nation...	138.00	Breakfast Mtgs, Registration Fee-TAD	701.180.000-53701....
57. Huntington Nation...	130.63	1/2-OfficeSupplies/Repair Parts-RRE	701.180.000-53701....
58. Huntington Nation...	317.49	Conference Fee-JRG	701.180.000-53701....
59. Huntington Nation...	94.52	Breakfast Meetings-SH	701.180.000-53701....
60. Treasurer, State of...	1,810.78	Fee for Wa Shed Chemical Feed Station-JRG	701.180.000-53701....
61. Engie Resources	2,757.94	Mo.Energy Charges-March 2017-TAD	701.180.000-53703....
62. Illuminating Comp...	167.10	Elect Service 011017-02117-SH	701.180.000-53703....
63. CenturyLink	564.64	TelephoneSvc@WaPlant-Feb.2017-SH	701.180.000-53705-...
64. CenturyLink	633.71	TelephoneSvc@201Miller-Feb.2017-TAD	701.180.000-53705-...
65. Spectrum Business	214.99	Internet Svc@WaPlant 030117-032917-TADF	701.180.000-53705-...
66. Verizon Wireless	440.86	1/2-Cell Phone Svc.022617-032517-TAD	701.180.000-53705-...
67. Yuronich, Greg	25.00	Cell Phone Reimbursement-March 2017-TAD	701.180.000-53705-...
68. Conrad's Tire Expr...	72.90	Truck Repairs-SH	701.180.000-53707-...
69. Kowalski Ford	121.02	1/2-Truck Repairs-RK	701.180.000-53707-...
70. NAPA Avon	343.73	1/2-Misc Truck Parts & Tools-RK	701.180.000-53707-...
71. David Frey Plumbi...	208.36	Plumbing Repairs@201Miller-RK	701.180.000-53708-...
72. Grainger	1,234.36	Building Maintenance-SH	701.180.000-53708-...
73. Higey Mechanical ...	1,295.00	Service Repair Work on A/C Unit-SH	701.180.000-53708-...
74. Lighting Supply Co...	876.55	LED Lights-SH	701.180.000-53708-...
75. Parker Supply LLC	182.27	Building Maintenance Supplies-SH	701.180.000-53708-...
76. Sherwin-Williams ...	499.12	Paint & Supplies-SH/RK	701.180.000-53708-...
77. Rex Pipe and Sup...	211.47	Bathroom Faucets-SH	701.180.000-53708....
78. Suburban Maint. &...	3,384.10	Seal Concrete Crack Intake Wall & Floor-SH	701.180.000-53708....
79. Worcester's Sales ...	1,499.95	Landscape Trailer-SH	701.180.000-53804-...
80. West, Elana	252.66	Reimburse Wine & Water Festival Expenses-...	701.180.000-53901-...
81. Fauver Keyse-Wal...	1,530.00	Legal Fees-Cleve Water Agreement-TAD	701.180.000-53907....
<b>Mar 21, 17</b>	<b><u>145,647.81</u></b>		

03/17/17

**Avon Lake Regional Water**  
**WASTEWATER FUND 721 EXPENSES**  
 March 21, 2017

Name	Amount	Memo	Account
<b>Mar 21, 17</b>			
1. Wastewater Empl...	57,479.01	Salaries P/R #6 022017-030517	721.190.000-51102-...
2. Wastewater Empl...	4,136.00	PartTime P/R #6 022017-030517	721.190.000-51105-...
3. Wastewater Empl...	4,307.72	OT Plant P/R #6 022017-030517	721.190.000-51106-...
4. Wastewater Empl...	879.43	OT Distrib P/R #6 022017-030517	721.190.000-51106-...
5. Wastewater Empl...	1,117.62	OT Admin P/R #6 022017-030517	721.190.000-51106-...
6. Wastewater Empl...	810.75	OT Constr P/R #6 022017-030517	721.190.000-51106-...
7. Medical Mutual	894.14	Medical Mutual Payment 030717	721.190.000-52203-...
8. Medical Mutual	422.81	Medical Mutual Payment 031417	721.190.000-52203-...
9. Medical Mutual	-2,091.78	Med Mutual Emp Contrib P/R #5	721.190.000-52203-...
10. Medical Mutual	-2,091.78	Med Mutual Emp Contrib P/R #6	721.190.000-52203-...
11. Medicare	781.89	Medicare P/R #5 2/19/17	721.190.000-52212-...
12. Medicare	852.26	Medicare P/R #6 3/5/17	721.190.000-52212-...
13. Cintas Corporation	175.22	Employee Uniform Rental-Feb.2017-RK	721.190.000-52226-...
14. Fischer, Will	20.00	2 Employee Meal Allowances-LS	721.190.000-52227-...
15. Pijor, Jeremy	20.00	2 Employee Meal Allowances-LS	721.190.000-52227-...
16. Sadowski, Dale	30.00	3 Employee Meal Allowances-LS	721.190.000-52227-...
17. Spinks, Joshua	10.00	1 Employee Meal Allowances-LS	721.190.000-52227-...
18. Tomsik, Joe	30.00	3 Employee Meal Allowances-LS	721.190.000-52227-...
19. Mercy Occupation...	45.00	DOT Testing-TAD	721.190.000-53206-...
20. Sandstone EHS S...	170.00	2017 Annual Safety Review Classes-SH	721.190.000-53500-...
21. FedEx	56.45	Shipping Charges-LS	721.190.000-53602-...
22. FriendsOffice	224.50	Office Supplies-KK	721.190.000-53602-...
23. Link Computer Co...	663.75	MuniLink Billing-March 2017-TAD	721.190.000-53602-...
24. Staples Advantage	1,574.36	Office Supplies-LS	721.190.000-53602-...
25. Fuelman	701.09	1/2-Gas for Vehicles 022717-031217-LS	721.190.000-53604-...
26. Great Lakes Petrol...	1,608.64	600 Gals Diesel Fuel for WPCC-SB	721.190.000-53604-...
27. Great Lakes Petrol...	701.98	307.4 Gals Diesel Fuel-Center Pump Sta-RK	721.190.000-53604-...
28. Brohl & Appell	1,227.35	Reversing Starter-SB	721.190.000-53607-...
29. Flexim Americas ...	8,951.90	Flowmetr-RRE	721.190.000-53607-...
30. Bonded Chemical...	3,744.79	8.6685 Tons Ferric Chloride-SB	721.190.000-53611-...
31. Mississippi Lime C...	3,070.70	20.80 Tons Lime for WPCC-SB	721.190.000-53611-...
32. ABC Equipment	171.56	1/2-Maintenance Supplies-RK	721.190.000-53612-...
33. Bain Enterprises	1,332.50	1/2-Stainless Steel Nuts-RK	721.190.000-53612-...
34. Active Plumbing S...	1,231.92	Zoeller Pumps-RK	721.190.000-53612-...
35. E&H Hardware Gr...	208.65	1/2-Maintenance Supplies-TAD	721.190.000-53612-...
36. Grainger	250.20	Maintenance Supplies-SB	721.190.000-53612-...
37. Lowe's	552.74	Maintenance Supplies-TAD	721.190.000-53612-...
38. McMaster-Carr Su...	88.65	Wire-SB	721.190.000-53612-...
39. Roberts Surveying...	905.75	1/2-Maintenance Supplies-JRG	721.190.000-53612-...
40. Aztec Steel	159.60	Stainless Steel Pipe-SB	721.190.000-53612-...
41. Huntington Nation...	384.60	MiscMaint Supplies & Parts-SB	721.190.000-53612-...
42. Fisher Scientific	3,626.08	Lab Supplies for WPCC-SB	721.190.000-53613-...
43. Idexx Laboratories	550.00	Lab Supplies - SH	721.190.000-53613-...
44. Jones & Henry La...	150.00	Mercury Testing-SB	721.190.000-53613-...
45. Data-Command	658.80	Annual Data Command Subscription-TAD	721.190.000-53701-...
46. Great Lakes Pipeli...	15,886.00	CCTV Inspect Sw Lines-Hermann-JRG	721.190.000-53701-...
47. Solar Testing Labo...	717.00	Testing/Inspection WPCC 021617-021917-TAD	721.190.000-53701-...
48. Technology Mana...	837.69	1/2-Computer Support-Feb. 2017-TAD	721.190.000-53701-...
49. Technology Mana...	900.00	1/2-Offsite Backup-March 2017-TAD	721.190.000-53701-...
50. Water Environmen...	881.75	2017 WERF Subscription Dues-TAD	721.190.000-53701-...
51. Great Lakes Pipeli...	1,410.50	CCTV Inspect Sewer Lines-The 45's-JRG	721.190.000-53701-...
52. Great Lakes Pipeli...	1,124.00	CCTV Inspect Sewer Lines-Burton-JRG	721.190.000-53701-...
53. Great Lakes Pipeli...	2,020.00	CCTV Inspect Sewer Lines-Miller-JRG	721.190.000-53701-...
54. Huntington Nation...	130.63	1/2-OfficeSupplies,Repair Parts-RRE	721.190.000-53701-...



03/17/17

**Avon Lake Regional Water  
WASTEWATER FUND 721 EXPENSES  
March 21, 2017**

Name	Amount	Memo	Account
55. Huntington Nation...	123.83	Lunch Meetings-SB	721.190.000-53701....
56. Columbia Gas of ...	840.53	GasSvc@WPCC 012017-021717-SB	721.190.000-53702....
57. Columbia Gas of ...	29.32	GasSvc@Bridgeside 013117-030117-RK	721.190.000-53702....
58. Columbia Gas of ...	27.25	GasSvc@Lear P.S. 020317-030617-RK	721.190.000-53702....
59. Columbia Gas of ...	28.29	GasSvc@HuntClub 013117-030107-RK	721.190.000-53702....
60. Illuminating Comp...	7,762.70	Elect@WPCC 020917-030917-SB	721.190.000-53703....
61. Illuminating Comp...	68.51	Elect@31900Lake.020817-030917-RK	721.190.000-53703....
62. Illuminating Comp...	3,763.81	Elect@Center P.S. 021017-030917-RK	721.190.000-53703....
63. Illuminating Comp...	71.59	Elect@Bridgeside P.S. 020817-030817-RK	721.190.000-53703....
64. Illuminating Comp...	75.61	Elect@Lear P.S. 020817-030917-RK	721.190.000-53703....
65. Illuminating Comp...	78.94	Elect@HuntClub P.S. 020817-030817-RK	721.190.000-53703....
66. Illuminating Comp...	58.32	Elect@Jaycox SwMtr 020917-030917-RK	721.190.000-53703....
67. CenturyLink	371.96	TelephoneSvc@PumpStations-Feb.2017-TAD	721.190.000-53705-...
68. Verizon Wireless	440.86	1/2-Cell Phone Svc.022217-032517-TAD	721.190.000-53705-...
69. Kowalski Ford	121.01	1/2-Truck Repairs-RK	721.190.000-53707-...
70. NAPA Avon	343.73	1/2-Misc Truck Parts & Tools-RK	721.190.000-53707-...
71. Maintenance Syst...	550.00	Install Curbs & Striping Work @WPCC-SB	721.190.000-53708-...
72. Sherwin-Williams ...	138.86	Paint & Supplies-RK	721.190.000-53708-...
73. Treasurer, State of...	213.00	Boiler Inspections@WPCC-SB	721.190.000-53708-...
<b>Mar 21, 17</b>	<b><u>139,810.54</u></b>		

03/17/17

Avon Lake Regional Water  
MOR FUND 703 EXPENSES

March 21, 2017

---

Name	Amount	Memo	Account
<b>Mar 21, 17</b>			
1. Ohio Edison	56.20	Elect @Butternut/Root 020317-030317-TAD	703.180.000-53703....
2. Ohio Edison	53.21	Elect@Lear/Chstn 020717-030817-TAD	703.180.000-53703....
3. Ohio Edison	79.62	Elect@Lear/Mills 020917-030817-TAD	703.180.000-53703....
4. Ohio Edison	55.22	Elect@Root/Sprag 020417-030617-TAD	703.180.000-53703....
5. Ohio Edison	54.36	Elect@Lear/US 20 020717-030717-TAD	703.180.000-53703....
6. Illuminating Comp...	113.20	Elect@Lear/Krebs 011017-020717-TAD	703.180.000-53703....
7. Illuminating Comp...	52.64	Elect@Moore/RR 011317-021317-TAD	703.180.000-53703....
8. Avon Lake Region...	135,114.30	Water Used from ETL1 - February 2017-TAD	703.180.000-53704-...
<b>Mar 21, 17</b>	<b><u>135,578.75</u></b>		

03/17/17

Avon Lake Regional Water  
MOR FUND 762 EXPENSES

March 21, 2017

Name	Amount	Memo	Account
<b>Mar 21, 17</b>			
1. The Chronicle	1,815.41	Ad-Bid for ETL2 Booster Pump Station Upgrad...	762.180.000-53701....
2. Treasurer, State of...	185.00	Fee-Moore Booster Pump Station Rehab-JRG	762.180.000-53701....
3. Ohio Edison	8,598.57	Elect@Island P.S. 020217-030317-TAD	762.180.000-53703....
4. Ohio Edison	37.82	Elect@Island OAL 020317-030617-TA	762.180.000-53703....
5. Ohio Edison	55.17	Elect@Barres PRV.020717-030817-TAD	762.180.000-53703....
6. Ohio Edison	52.51	Elect@CenterRidge.020317-030617-TAD	762.180.000-53703....
7. Ohio Edison	50.71	Elect@ChestnutRidge.020417-030617-TAD	762.180.000-53703....
8. Avon Lake Region...	268,423.21	Water Used from ETL2-February 2017-TAD	762.180.000-53704-...
<b>Mar 21, 17</b>	<b>279,218.40</b>		

03/17/17

**Avon Lake Regional Water  
LORCO FUND 749 EXPENSES**

March 21, 2017

Name	Amount	Memo	Account
<b>Mar 21, 17</b>			
1. Great Lakes Petrol...	439.65	180.2Gals.Diesel Fuel@FourPlex-RK	749.190.000-53604-...
2. Great Lakes Petrol...	385.49	166.2 Gals. Diesel Fuel @Tri Plex-RK	749.190.000-53604-...
3. Eaton True Value	104.68	Maintenance Supplies-RK	749.190.000-53612....
4. Covalen	717.29	Grinder Pump Repair Parts-RK	749.190.000-53612....
5. Covalen	2,764.01	Grinder Pump Repair Parts-RK	749.190.000-53612....
6. Covalen	2,025.42	Grinder Pump Repair Parts-RK	749.190.000-53612....
7. Ohio Edison	403.74	Elect@TriPlex.020317-030617-TAD	749.190.000-53703....
8. Ohio Edison	1,309.43	Elect@FourPlex.020217-030117-TAD	749.190.000-53703....
9. Ohio Edison	53.98	Elect@12169AvonBelden.020217-030317-TAD	749.190.000-53703....
10. Ohio Edison	70.00	Elect@12901AvonBelden.020217-030317-TAD	749.190.000-53703....
11. Ohio Edison	126.70	Elect@33930Cooley.020217-030617-TAD	749.190.000-53703....
12. Ohio Edison	57.35	Elect@36780Giles.020117-030117-TAD	749.190.000-53703....
13. Ohio Edison	53.62	Elect@10920Hawke.020417-030617-TAD	749.190.000-53703....
14. Ohio Edison	94.81	Elect@10301Reed.020417-030617-TAD	749.190.000-53703....
15. Lorain-Medina Rur...	123.34	Elect@Banks.012317-023217-TAD	749.190.000-53703....
16. Lorain-Medina Rur...	102.77	Elect@36879Capel.012317-022317-TAD	749.190.000-53703....
17. Lorain-Medina Rur...	80.19	Elect@12601Cowley.012317-022317-TAD	749.190.000-53703....
18. Lorain-Medina Rur...	176.85	Elect@12775Durkee.012317-022317-TAD	749.190.000-53703....
19. Lorain-Medina Rur...	58.11	Elect@Durkee(S).012317-022317-TAD	749.190.000-53703....
20. Lorain-Medina Rur...	127.72	Elect@IndianHollow.012317-022317-TAD	749.190.000-53703....
21. Lorain-Medina Rur...	105.27	Elect@Siife.012317-022317-TAD	749.190.000-53703....
22. Link Computer Co...	295.00	MuniLink Billing-March 2017-TAD	749.190.000-53760-...
23. RLCWA	1,146.00	Meter Readings - February 2017-TAD	749.190.000-53760-...
24. LORCO	13,500.00	Monthly Operations Advance-March 2017-TAD	749.190.000-59500-...
<b>Mar 21, 17</b>	<b><u>24,321.42</u></b>		

03/17/17

Avon Lake Regional Water  
**LATERAL LOAN FUND 765 EXPENSES**

March 21, 2017

---

<u>Name</u>	<u>Amount</u>	<u>Memo</u>	<u>Account</u>
<b>Mar 21, 17</b>			
1. Concrete & More, Inc.	3,300.00	Lateral Loan Program-212 Brookfield-TAD	765.190.000-53701-...
2. Concrete & More, Inc.	3,300.00	Lateral Loan Program-207 Inwood-TAD	765.190.000-53701-...
3. Concrete & More, Inc.	3,500.00	Lateral Loan Program-234 Berkshire-TAD	765.190.000-53701-...
4. Weeden Waterproofing Inc.	2,800.00	Lateral Loan Program-210 South Point-TAD	765.190.000-53701-...
5. Weeden Waterproofing Inc.	1,100.00	Lateral Loan Program-253 South Point-TAD	765.190.000-53701-...
6. Weeden Waterproofing Inc.	3,200.00	Lateral Loan Program-204 South Point-TAD	765.190.000-53701-...
7. American Plumbing	750.00	Lateral Loan Program-232 Brookfield-TAD	765.190.000-53701-...
<b>Mar 21, 17</b>	<b><u>17,950.00</u></b>		

03/17/17

**Avon Lake Regional Water**  
**WATERWORKS CONSTRUCTION FUND 704 EXPENSES**  
March 21, 2017

---

<u>Name</u>	<u>Amount</u>	<u>Memo</u>	<u>Account</u>
Mar 21, 17 1.Underground Utiliti...	290.00	Pmt #6-Fairfield WaLine Project-TAD	704.180.000-55007-...
Mar 21, 17	<u>290.00</u>		

03/17/17

Avon Lake Regional Water  
**WASTEWATER CONSTRUCTION FUND 724 EXPENSES**

March 21, 2017

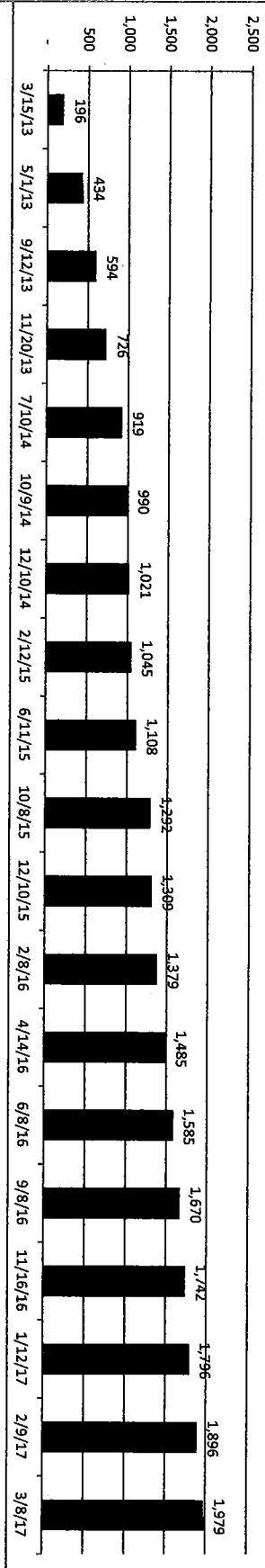
---

<u>Name</u>	<u>Amount</u>	<u>Memo</u>	<u>Account</u>
<b>Mar 21, 17</b>			
1. CDM Smith	164,952.00	Prof.Svc.WPCC Improvements.010117-02181...	724.190.000-53806-...
2. Underground Utiliti...	708,057.12	Pmt #6-Fairfield Sewer Separation Project-TAD	724.190.000-55006-...
<b>Mar 21, 17</b>	<u><u>873,009.12</u></u>		

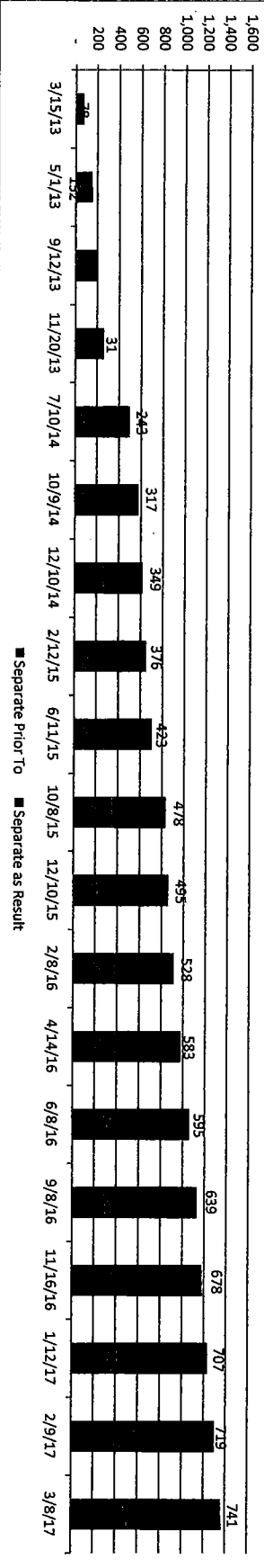
# Sewer Lateral Program Summary

Date	3/15/13	5/1/13	9/12/13	11/20/13	7/10/14	10/9/14	12/10/14	2/12/15	6/11/15	10/8/15	12/10/15	2/8/16	4/14/16	6/8/16	9/8/16	11/16/16	1/12/17	2/9/17	3/8/17	
Total Letters Sent	2,666	2,700	2,705	2,694	2,728	2,731	2,733	2,733	2,803	2,808	2,809	2,810	2,835	2,867	2,900	2,908	2,915	2,918	2,925	
Total Inspections Made	196	434	594	726	919	990	1,021	1,045	1,108	1,292	1,379	1,485	1,585	1,670	1,742	1,796	1,896	1,896	1,979	
Houses Separating Laterals																				
Houses w/ No Further Action Needed	78	152	205	231	249	260	268	281	281	281	281	281	281	281	281	281	281	281	281	
Problems - Need Correction	104	178	279	349	427	413	404	401	404	457	361	371	401	530	543	561	566	599	621	

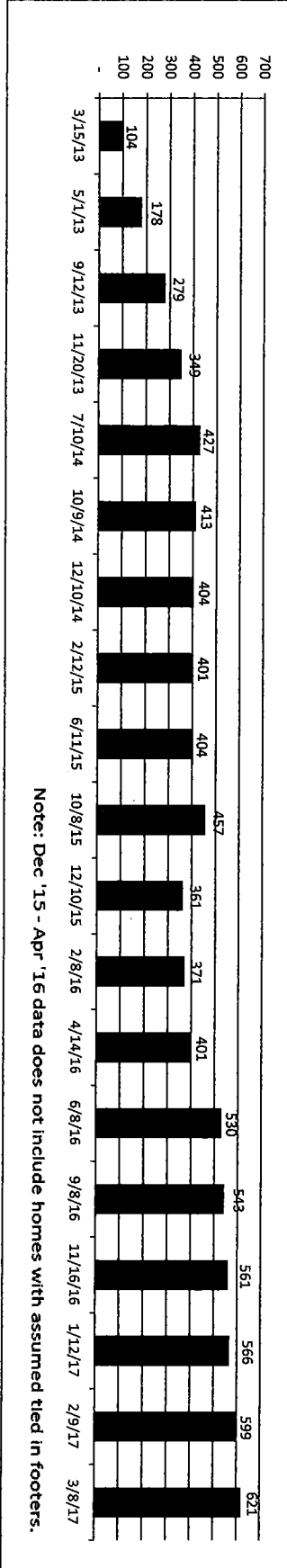
## Total Inspections Made



## No Further Action Needed



## Problems Identified



Note: Dec '15 - Apr '16 data does not include homes with assumed tied in footers.



## **Avon Lake Sewer Separation**

### **City Hall Phone Script**

#### **EXTERNAL SCRIPT**

Thanks for calling—we appreciate you following up on the letter we sent. As you might have read, Avon Lake Regional Water is leading Avon Lake’s sewer separation initiative. **If you’ve already had your inspection, the letter was just to remind you to get your work done before your deadline.** If you still haven’t gotten an inspection, [either] I’ll transfer you now [or] just call them at (440) 933-6226 to set one up so you still have time to meet your deadline without penalty.

#### **INTERNAL (CITY HALL) MESSAGES**

- Right now, due to the way early Avon Lake neighborhoods/sewers were constructed, during every heavy rain event, many homes built before 1972 send significant amounts of raw wastewater into Lake Erie.
- To meet Ohio EPA requirements, everyone who owns property in Avon Lake must make sure they separate their property’s outgoing water—that is, their storm water is NOT entering the sanitary sewer under their street.
- On January 21, 2017, Avon Lake City Council passed a Resolution of Necessity mandating all Avon Lake residents separate their storm water from their wastewater by their street’s deadline. (See attached for deadlines by street.)
- People who received this most recent letter definitely need to take action, either separating their water, or setting up a free inspection by Avon Lake Regional Water.



**Avon Lake  
Regional Water**

Serving the region,  
protecting our resource.

**COMBINED SEWER SEPARATION SCHEDULE**  
**(including estimated start/completion dates and lateral connection  
deadlines)**

Neighborhood	Streets included	Est. start date	Est. completion	Lateral connection deadline
ALL FORMERLY COMBINED NEIGHBORHOODS	Avon Belden/83, Beachdale, Beck, Bellaire, Belle, Burton, Cherry Lane, Coveland, Curtis, Dellwood, Drummond, Duff, Electric, Fay, Forest Hill, Glenview, Gra-gull, Groveland, Harvey Parkway, Herrmann, Inwood, James Circle, Jaycox, June, Karen, Lake, Lakeview, Lear, Miller, Moore, Parkview, Redwood, Sunset, Vanda, Vineyard, Westshore, Woodstock, Yoder, York	COMPLETE	COMPLETE	2/1/2018
Belmar	Belmar, Ashwood, Mooreland, Artsdale, Redwood, Electric	COMPLETE	COMPLETE	2/1/2018
Moorewood	Moorewood, Crestwood, Vinewood, Parkwood, Beachwood, Rosewood	COMPLETE	COMPLETE	2/1/2018
Mull-Norman	Mull, Norman	COMPLETE	COMPLETE	2/1/2018
Fairfield/Berkshire (aka Brookfield/Inwood)	Fairfield, Berkshire, Inwood, Brookfield, Rosewood, Electric	IN PROGRESS	2017	2/1/2019
The 45s	Lakewood, Oakwood, Forest, South Point, Tomahawk, Clifton, Overlook	2018	2019	6/30/2019
Avondale	Avondale	TBD	TBD	6/30/2019

For more information, [avonlakewater.org](http://avonlakewater.org)

February 16, 2017

Property owner at

\_\_\_\_\_  
Avon Lake, Ohio 44012

**Re: City Council Resolution 5-2017 and Your Approaching Deadline**

Dear Homeowner:

*In order to comply with Avon Lake's agreement with the Ohio EPA that all sanitary sewers be separated from storm sewers, and that wastewater no longer flow into Lake Erie during storms, the Council of the City of Avon Lake has passed Resolution No. 5-2017, declaring a city emergency.*

**Our records show your property either still needs to be inspected or that you have had your inspection but still have work to do.** This new City Council Resolution (which can be found on the City of Avon Lake's website) codifies each owner's requirement to install sanitary and/or storm lateral(s) between the home and the sewer mains under the street. If your home is not in compliance by your deadline (shown below), this new resolution gives Council the power to separate your home for you, assessing the entire cost against your property taxes as provided by law.

If you know you have work to do, let this letter serve as a reminder, as well as notice that low-cost loans are now available through Avon Lake Regional Water; apply at [avonlakewater.org/loans](http://avonlakewater.org/loans) or in person at 201 Miller Road, Avon Lake, between the hours of 8:00 a.m. to 4:30 p.m., Monday through Friday.

In addition to the separation work on your property the City would assess, please be advised that under the regulations of Avon Lake Regional Water, anyone discharging storm water into a sanitary sewer is subject to a fine for \$200 per day past your deadline. Thank you for your kind attention in this matter.

**YOUR DEADLINE IS FEBRUARY 1, 2018.**

**IF YOU HAVE NOT YET HAD YOUR INSPECTION,  
CALL US THIS WEEK AT (440) 933-6226 TO SCHEDULE IT.**



**Avon Lake  
Regional Water**

